

Working Copy

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TYPE OR PRINT IN BLACK INK  
(For explanation of entries required, see  
booklet "How to File an Application to  
Appropriate Water in California")

State Of California  
State Water Resources Control Board  
**DIVISION OF WATER RIGHTS**  
**P.O. Box 2000, Sacramento CA 95812-2000**  
Info: (916) 341-5300, Fax (916) 341-5400, Web: <http://www.waterrights.ca.gov>

**APPLICATION TO APPROPRIATE WATER**

031509

Application No. X3611

**1. APPLICANT**

E. Peter Seghesio, General Manager  
**Seghesio Farms Inc.**  
14730 Grove Street  
Healdsburg CA 95448

Home Ranch Vineyards

707.433.3579

**2. SOURCE**

- a. The name of the source at the point of diversion is the Russian River, tributary to Pacific Ocean.
- b. In a normal year does the stream dry up at any point downstream from your project? Yes ☐ No ☒ x  
If yes, during what months is it usually dry? From        to       .  
What alternate sources are available to your project should a portion of your requested direct diversion season be excluded because of a dry stream or non-availability of water? None are available.

**3. POINTS of DIVERSION and REDIVERSION**

- a. The point(s) of diversion will be in the County of Sonoma and within APNs 118-080-007/009/010; APNs 118-090-100/012/013.
- b.

List all points giving coordinate distances from section corner or other tie as allowed by Board regulations (i.e. California Coordinate System)	Point is within (40-acre subdivision)	Section	Township	Range	Base and Meridian
Well HRB1 @ 100 gpm 570' North and 1800' East Southwest Corner S2 (Projected)	SE 1/4 SW 1/4 ✓	2 ✓	10N	10W	MDM
Well HRB2 @ 40 gpm 510' North and 1835' East Southwest Corner S2 (Projected)	SE 1/4 SW 1/4 ✓	2 ✓	10N	10W	MDM
Well HRB3 @ 150 gpm 430' North and 2210' East Southwest Corner S2 (Projected)	SE 1/4 SW 1/4 ✓	2 ✓	10N	10W	MDM
Well HRB4 @ 30 gpm 390' North and 2160' East Southwest Corner S2 (Projected)	SE 1/4 SW 1/4 ✓	2 ✓	10N	10W	MDM
Well HRB5 @ 200 gpm 325' North and 1890' East Southwest Corner S2 (Projected)	SE 1/4 SW 1/4 ✓	2 ✓	10N	10W	MDM

- c. Does applicant own the land at the point of diversion? Yes ☒ No ☐ x
- d. If applicant does not own the land at point of diversion, state name and address of owner and what steps have been taken to obtain right of access: \_\_\_\_\_

#### 4. PURPOSE of USE, AMOUNT and SEASON

- a. In the table below, state the purpose(s) for which water is to be appropriated, the quantities of water for each purpose, and the dates between which diversions will be made. Use gallons per day if rate is less than 0.025 cubic foot per second (approximately 16,000 gallons per day).

PURPOSE OF USE (Irrigation, Domestic, etc.)	Direct Diversion Quantity	Direct Diversion Quantity	Direct Diversion Season	Direct Diversion Season	Storage Amount	Storage Collection Season	Storage Collection Season
	RATE (CFS or gal/day)	AMOUNT (Acre-feet per year)	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)	Acre -Feet per annum	Beginning Date (Mo. & Day)	Ending Date (Mo. & Day)
a. Irrigation	Well HRB1 0.224 cfs (100 gpm)	74	June 1	October 31	none	na	na
b. Domestic 2 residences	Well HRB2 0.089 cfs (40 gpm)	4	January 1	December 31	10,000 gal tank 0.03 ac-ft	January 1	December 31
a. Irrigation	Well HRB3 0.334 cfs (150 gpm)	110	June 1	October 31	none	na	na
b. Domestic 37-person Farmworker	Well HRB4 0.067 cfs (30 gpm)	4	January 1	December 31	10,000 gal tank 0.03 ac-ft	January 1	December 31
a. Irrigation	Well HRB5 0.446 cfs (200 gpm)	150	June 1	October 31	none	na	na

- b. Total combined amount taken by direct diversion and storage during any one year will be 342 acre feet.

#### 5. JUSTIFICATION OF AMOUNT

- a. IRRIGATION: Maximum area to be irrigated in any one year is 167 acres.

CROP	ACRES	METHOD OF IRRIGATION (Sprinklers, flooding, etc.)	ACRE- FEET PER YEAR	NORMAL SEASON Beginning Date	NORMAL SEASON Ending Date
Vineyard	167	Drip	334	June 1	Oct 31

- b. DOMESTIC: Number of residences to be served is 3. (2 single family residences; 37-person farm worker housing unit) Separately owned? Yes    No X  
Total number of people to be served is 50. Estimated daily use per person is 100 gpd.  
Total area of domestic lawns and gardens is 2 acres  
Incidental domestic uses are
- c. STOCKWATERING: Kind of stock:                      Maximum number:                       
Describe type of operation:
- d. RECREATIONAL: Type of recreation: Fishing    Swimming    Boating    Other
- e. MUNICIPAL: (Estimated projected use)

POPULATION		MAXIMUM MONTH		ANNUAL USE		
PERIOD	5-year periods until use is completed POPULATION	Average daily use (gal per capita)	Rate of diversion (cfs)	Average daily use (gal. per capita)	Acre-Foot (per capita)	Total Acre-Feet
Present						

Month of maximum use during year is                     . Month of minimum use during year is                     .

- f. HEAT CONTROL: The total area to be heat protected is \_\_\_\_\_ net acres.  
 Type of crop protected is \_\_\_\_\_.  
 Rate at which water is applied to use is \_\_\_\_\_ gpm/acre.  
 The heat protection season will begin about \_\_\_\_\_ (date) and end about \_\_\_\_\_ (date).
- g. FROST PROTECTION: The total area to be frost protected is \_\_\_\_\_ net acres.  
 Type of crop protected is \_\_\_\_\_ vineyard \_\_\_\_\_.  
 Rate at which water is applied to use is \_\_\_\_\_ 50 \_\_\_\_\_ gpm/acre.  
 The frost protection season will begin about March 1 and end about May 31.
- h. INDUSTRIAL: Type of industry is \_\_\_\_\_.  
 Basis for determination of amount of water needed is: \_\_\_\_\_.
- i. MINING: The name of the claim is \_\_\_\_\_. Patented \_\_\_\_\_ Unpatented \_\_\_\_\_.  
 The nature of the mine is \_\_\_\_\_. Mineral to be mined is \_\_\_\_\_.  
 Type of milling process is \_\_\_\_\_.  
 After use, the water will be discharged into \_\_\_\_\_ (name of stream) in  
 40 acre subdivision: \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_, T \_\_\_\_\_, R \_\_\_\_\_, \_\_\_\_\_ B&M.
- j. POWER: The total fall to be utilized is \_\_\_\_\_ feet. The maximum amount of water to be used  
 through the penstock is \_\_\_\_\_ cfs. The maximum theoretical horsepower capable of  
 being generated by the works is \_\_\_\_\_ (cfs \* fall/8.8). Electrical capacity is \_\_\_\_\_ kW  
 (HP\*0.746\*eff) at \_\_\_\_\_ % efficiency.
- k. FISH AND WILDLIFE PRESERVATION AND/OR ENHANCEMENT: Yes \_\_\_\_\_ No x If yes, list specific  
 species and habitat type that will be preserved or enhanced in Item 10 of Environmental Information  
 form APP-ENV.
- l. OTHER: Describe use: \_\_\_\_\_. Basis for determination of amount of water needed is \_\_\_\_\_.

## 6. PLACE OF USE

- a. Does applicant own the land where water will be used? Yes x No \_\_\_\_\_. Is land in joint ownership?  
 Yes \_\_\_\_\_ No x. (All joint owners should include their names as applicants and sign the application.) If applicant does  
 not own land where the water will be used, give name and address of owner and state what  
 arrangements have been made with the owner. \_\_\_\_\_

b.

USE IS WITHIN (40-acre subdivision) Sections and subdivisions are projected	SECTION	TOWNSHIP	RANGE	BASE & MERIDIAN	IF IRRIGATED	
					Number of acres	Presently cultivated (Y/N)
SE 1/4 of SW 1/4 ✓	2	10N	10W	MDM	24 ✓	Y
SW 1/4 of SW 1/4 ✓	2	10N	10W	MDM	18 ✓	Y
SE 1/4 of SE 1/4 ✓	3	10N	10W	MDM	1 ✓	Y
SW 1/4 of SE 1/4 ✓	3	10N	10W	MDM	5 ✓	Y
NE 1/4 of NE 1/4 ✓	10	10N	10W	MDM	27 ✓	Y
NW 1/4 of NE 1/4 ✓	10	10N	10W	MDM	19 ✓	Y
SW 1/4 of NE 1/4 ✓	10	10N	10W	MDM	8 ✓	Y
SE 1/4 of NE 1/4 ✓	10	10N	10W	MDM	26 ✓	Y
SW 1/4 of NW 1/4 ✓	11	10N	10W	MDM	8 ✓	Y
NW 1/4 of NW 1/4 ✓	11	10N	10W	MDM	24 ✓	Y
NE 1/4 of NW 1/4 ✓	11	10N	10W	MDM	7 ✓	Y

167 Acres

(If area is unsurveyed, state the location as if lines of the public land survey were projected, or contact the Division of Water Rights. If space does not permit listing all 40-acre tracts, include on another sheet and show detail on map.)

## 7. DIVERSION WORKS

- a. Diversion will be by gravity by means of \_\_\_\_\_.
- b. Diversion will be by pumping from Existing wells HRB1, 2, 3, 4, 5. (sump, offset well, channel, reservoir, etc.).  
Pump discharge rate 100, 40, 150, 30, 200 gpm respectively. Horsepower 2.5, 1, 7.5, 1, 20 hp  
respectively. Depth of wells: unknown.

- c. Conduit from diversion point to first lateral or to offstream storage reservoir:

CONDUIT (Pipe or Channel)	MATERIAL (Type of pipe or channel lining) (Indicate if pipe is buried or not)	CROSS SECTIONAL DIMENSION (Pipe diameter or ditch depth and top and bottom width)	LENGTH (Feet)	TOTAL OR Feet	LIFT FALL + or -	CAPACITY (Estimate)
HRB1 Pipe	Buried PVC	4" diameter	1200	20		100 gpm
HRB2 Pipe	Buried PVC	2" diameter	2400	40		40 gpm
HRB3 Pipe	Buried PVC	4" diameter	4500	100		150 gpm
HRB4 Pipe	Buried PVC	2" diameter	1000	10		30 gpm
HRB5 Pipe	Buried PVC	6" diameter	3000	250		200 gpm

- d. Storage Reservoirs: (For underground storage, complete Supplement 1 to Application, available upon request.)

Name or number of reservoir, if any	Dam				Reservoir		
	Vertical height from downstream toe of slope to spillway level (feet)	Construction material	Dam Length (feet)	Freeboard height above spillway crest (feet)	Approximate surface area when full (acres)	Approximate capacity (acre-feet)	Maximum water depth (feet)
none							

- e. Outlet pipe: (for storage reservoirs having a capacity of 10 acre-feet or more.)

Diameter of outlet pipe (inches)	Length of outlet pipe (feet)	FALL Vertical distance between entrance and exit of outlet pipe in feet.	HEAD Vertical distance from spillway to outlet pipe in reservoir in feet	Estimated storage below outlet pipe entrance (dead storage)
none				

- f. If water will be stored and the reservoir is not at the point of diversion, the maximum rate of diversion to offstream storage will be \_\_\_ cfs. Diversion to offstream storage will be made by: Pumping \_\_\_ Gravity \_\_\_

## 8. COMPLETION SCHEDULE

- a. Year work will start: Wells installed in the 1950's.
- b. Year work will be completed: na
- c. Year water will be used to the full extent intended: \_\_\_\_\_
- d. If completed, year of first use: 1950's.

## 9. GENERAL

- a. Name of the post office most used by those living near the proposed point of diversion is: Cloverdale.
- b. Does any part of the place of use comprise a subdivision on file with the State Department of Real Estate? Yes \_\_\_ No x. If yes, state the name of the subdivision: If no, is subdivision of these lands contemplated? Yes \_\_\_ No x. Is it planned to individually meter each service connection? Yes \_\_\_ No x. If yes, when? na
- c. List the names and addresses of diverters of water from the source of supply downstream from the proposed point of diversion: Diverters are unknown to the applicant.
- d. Is the source used for navigation, including use by pleasure boats, for a significant part of each year at the point of diversion, or does the source substantially contribute to a waterway which is used for

navigation, including use by pleasure boats? Yes. If yes, explain: The Russian River is used for recreational motorless boating activity.

#### 10. EXISTING WATER RIGHT

Do you claim an existing right for the use of all or part of the water sought by this application? Yes.  
If yes, complete the table below:

Nature of Right (Riparian, appropriative, groundwater)	Year of First Use	Purpose of use made in recent years including amount, if known	Season of Use	Source	Location of Point of Diversion
Riparian	1960's	Vineyard Irrigation 74 acre feet	June 1 October 31	Russian River	Well HRB1 @ 100 gpm 570' North and 1800' East Southwest Corner S2 (Projected)
Riparian	1940's	Domestic 4 acre feet	January 1 December 31	Russian River	Well HRB2 @ 40 gpm 510' North and 1835' East Southwest Corner S2 (Projected)
Riparian	1960's	Vineyard Irrigation 110 acre feet	June 1 October 31	Russian River	Well HRB3 @ 150 gpm 430' North and 2210' East Southwest Corner S2 (Projected)
Riparian	1990	Domestic 4 acre feet	January 1 December 31	Russian River	Well HRB4 @ 30 gpm 390' North and 2160' East Southwest Corner S2 (Projected)

#### 11. AUTHORIZED AGENT (Optional)

With respect to:   x   all matters concerning this water right application  
       those matters designated as follows: \_\_\_\_\_  
is authorized to act on my behalf.

Lee Erickson CE45660  
**Erickson Engineering Inc.**  
P.O. Box 446  
Valley Ford CA 94972-0446    707/795-2498 Voice/Fax

#### 12. SIGNATURE OF APPLICANT

I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.

Dated 12/1/03, 2003, at Healdsburg California.

E. Peter Seghesio, General Manager  
**Seghesio Farms Inc.**  
14730 Grove Street,  
Healdsburg CA 95448

  
Signature

Additional information needed for preparation of this application may be found in the Instruction Booklet entitled "How To File An Application to Appropriate Water in California". If there is insufficient space for answers on this form, attach extra sheets. Please cross reference all remarks to the numbered item of the application to which they may refer. Send original application and one copy to the State Water Resources Control Board, Division of Water Rights, P.O. Box 2000, Sacramento CA 95812-2000, with \$100 minimum filing fee.

Note: If this application is approved for a permit, a minimum permit fee of \$100 will be required before the permit is issued. There is no additional fee for registration of small domestic.

### **13. MAP**

See attachments.

### **14. SUPPLEMENTAL INFORMATION**

- a. If you are applying for a permit, complete and append Environmental Information Form WR1-2 .
- b. If you are registering a small domestic use, append Fish and Game information form WR1-3.
- c. If you are applying for underground storage, complete and append Supplement 1 to WR-1.

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State Of California  
State Water Resources Control Board  
**DIVISION OF WATER RIGHTS**  
**P.O. Box 2000, Sacramento CA 95812-2000**  
Info: (916) 341-5300, Fax (916) 341-5400, Web: <http://www.waterrights.ca.gov>

**APPLICATION TO APPROPRIATE WATER  
ENVIRONMENTAL INFORMATION**

31509

(THIS IS NOT A CEQA DOCUMENT)

APPLICATION NO. X3611 - Seghesio Farms Inc. at Home Ranch Vineyards

The following information will aid in the environmental review of your application as required by the California Environmental Quality Act (CEQA). IN ORDER FOR YOUR APPLICATION TO BE ACCEPTED AS COMPLETE, ANSWERS TO THE QUESTIONS LISTED BELOW MUST BE COMPLETED TO THE BEST OF YOUR ABILITY. Failure to answer all questions may result in your application being returned to you, causing delays in processing. If you need more space, attach additional sheets. Additional information may be required from you to further amplify or clarify the information requested on this form.

PROJECT DESCRIPTION

1. Provide a description of your project, including but not limited to type of construction activity, structures existing or to be built, area to be graded or excavated, and project operation, including how the water will be used.

Seghesio Farms Inc. - Home Ranch at 24035 Chianti Road, Cloverdale CA 95425.

This multi-generational family-owned vineyard has been in operation since before the 1920's. Existing agricultural wells along the Russian River have been historically used for irrigating upland vineyards. Existing domestic wells along the Russian River have been historically used for non-vineyard water needs. The irrigation and domestic wells have been operated on the basis of riparian use claims. The owner wishes to upgrade from Riparian use to an Appropriative Right claims to better safeguard future vineyard and domestic water supplies.

No new construction, wells, off-channel storage, or revisions in historic place of use are proposed for this application. The existing wells along with vineyard and domestic pipe lines will continue to be used in their present location and condition.

GOVERNMENTAL REQUIREMENTS

Before a final decision can be made on your water right application, we must consider the information contained in an environmental document prepared in compliance with the requirements of CEQA. If an environmental document has not been prepared, a determination must be made as to who is responsible for the preparation of the environmental document for your project. The following questions are designed to aid us in that determination.

2. Contact your county planning or public works department for the following information:  
(a) Person Contacted \_\_\_\_\_ Date of Contact \_\_\_\_\_

Department \_\_\_\_\_ Telephone \_\_\_\_\_

(b) Assessor's Parcel Numbers (Sonoma County): APNs 118-080-007, 009, 010  
APNs 118-090-011, 012, 013

(c) County Zoning Designation: Aq Preserve

(d) Are any county permits required for your project? Yes \_\_\_ No x If yes, check appropriate spaces below: \_\_\_ Grading Permit, \_\_\_ Use Permit, \_\_\_ Watercourse Obstruction Permit, \_\_\_ Change of Zoning, \_\_\_ General Plan Change, \_\_\_ Other \_\_\_\_\_

(e) Have you obtained any of the required permits described above? Not applicable.  
If you answered yes, provide a complete copy of each permit obtained.

3. Are any additional state or federal permits required for your project? Not applicable.  
(i.e., Federal Energy Regulatory Commission, U.S. Forest Service, Bureau of Land Management, Soil Conservation Service, Dept. of Water Resources (Division of Dam Safety), Reclamation Board, Coastal Commission, State Lands Commission, etc.) For each agency from which a permit is required, provide the following information: Agency, Permit Type, Person Contacted, Date of Contact, Phone.

No additional State or Federal permits are believed required for this project.

4. Has any public agency prepared an environmental document for any aspect of your project? No.

If so, please submit a copy of the latest environmental document(s) prepared, including a copy of the Notice of Determination adopted by the public agency. If not, explain below whether you expect that a public agency other than the State Water Resources Control board will be preparing an environmental document for your application or whether the applicant, if it is a California public agency, will be preparing the environmental document for your project.

No environmental documents have been prepared for this project by any permitting agency, or are planned for development by the applicant.

Note: When completed, please submit a copy of the final environmental document (including Notice of Determination) or Notice of Exemption to the Board. Processing of your water right application cannot proceed until such documents are submitted.

5. Will your project, during construction or operation, generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or cause erosion, turbidity, or sedimentation? No. If so, explain: \_\_\_\_\_

This project will not generate wastes having deleterious impact on surface or subsurface waters.

If you answer yes or you are unsure of your answer, contact your local Regional Water Quality Control Board for the following information (See attachment for address and telephone number):

Will a waste discharge permit be required for your project? No. Person contacted and date of contact:  
What method of treatment and disposal will be used? \_\_\_\_\_

Not applicable.

6. Have any archeological reports been prepared for this project, or will you be preparing an archeological report to satisfy another public agency? No.  
Do you know of any archeological or historic sites located within the general project area? No.  
If so, explain: No archeological reports have been completed or are planned for the site.



### **ENVIRONMENTAL SETTING**

7. Attach **THREE COMPLETE SETS** of color photographs, clearly dated and labeled, showing the vegetation currently existing at the following locations:

- (a) Along the stream channel immediately downstream from the proposed point(s) of diversion.  
**Downstream of Diversion:** Historic, current, and proposed future land use is Russian River riparian corridor, with vineyards in the upland areas.
- (b) Along the stream channel immediately upstream from the proposed point(s) of diversion.  
**Upstream of Diversion:** Historic, current, and proposed future land use is Russian River riparian corridor, with vineyards in the upland areas.
- (c) At the place(s) where the water is to be used.  
**Place of Use:** Historic, current, and proposed future land use is upland vineyards.

8. From the list given below, mark or circle the general plant community types which best describe those which occur within your project area. (Note: See footnote denoted by \* under Question 11 below):

#### **Tree Dominated Communities**

Subalpine Conifer  
Red Fir  
Lodgepole Pine  
Mixed Conifer  
    Sierran Mixed Conifer  
    White Fir  
    Klamath Mixed Conifer  
Douglas Fir  
Jeffrey Pine  
Ponderosa Pine  
Eastside Pine  
Redwood  
Pinyon-Juniper  
Juniper  
Aspen  
Closed Cone Pine-Cypress  
Montane Hardwood-Conifer  
Valley Foothill Hardwood  
    Blue Oak Woodland  
    Valley Oak Woodland  
    Coastal Oak Woodland  
Valley Foothill Hardwood-Conifer  
    Blue Oak - Digger Pine  
Eucalyptus  
x **Montane Riparian**  
Valley Foothill Riparian  
Desert Riparian  
Palm Oasis  
Joshua Tree

#### **Shrub Dominated Communities**

Alpine Dwarf-Shrub  
Low Sage  
    Bitterbrush  
Sagebrush  
Montane Chaparral  
Mixed Chaparral  
Chamise-Redshank Chaparral  
Coastal Scrub  
Desert Succulent Shrub  
Desert Wash  
Desert Scrub  
Alkali Desert Scrub

#### **Herbaceous Dominated Communities**

Annual Grassland  
Perennial Grassland  
Wet Meadow  
Fresh Emergent Wetland  
Saline Emergent Wetland  
Pasture

#### **Aquatic Communities**

Riverine  
Lacustrine  
Estuarine  
    Marine

#### **Developed Communities**

Cropland  
x **Orchard - Vineyard**  
Urban

Literature Source: Mayer, KE and WF Laudenslayer Jr. (Eds). 1988. A Guide to Wildlife Habitats of California. California Department of Forestry and Fire Protection, Sacramento. 166 pp. (Note: You may view a copy of this document at our public counter at the address given at the top of this form or you may purchase a copy by calling the California Department of Fish and Game, Wildlife Habitat Relationships (WHR) program at 916/653-7203.)

9. Provide below an estimate of the type, number, and size (trunk/stem diameter at chest height) of trees and large shrubs that are planned to be removed or destroyed due to implementation of the proposed changes. Consider all aspects of your application, including changes in diversion structures, water distribution and use facilities, and changes in the places of use due to additional water development.

No trees or shrubs will be impacted by this project. All well, pipeline, utilities, and water distribution improvements were located in existing vineyards and agricultural production areas and have been in place for many years.

Inspection of the aerial site photos will disclose that the Seghesio Home Ranch Vineyard includes a buffer of riparian forest along the Russian River. This condition is a local anomaly, as vineyards upstream and downstream extend completely to the river bank. Buffer retention predates existing environmental regulation, and is based on long-term management objectives. The riparian buffer is several hundred feet deep. It provides protection from annual river flood flows and constitutes a wildland setaside for benefit of existing flora and fauna using the river corridor. Buffer presence demonstrates Seghesio Farms commitment to environmental enhancement activities.

#### **FISH AND WILDLIFE CONCERNS**

10. Identify the typical species of fish which occur in the source(s) from which you propose to divert water and discuss whether or not any of these fish species or their habitat has been or would be affected by your project. (Note: See footnote denoted by \* under Question 11 below.)

The main stem of the Russian River has known populations of anadromous species that are present on a seasonal basis that are considered threatened or of concern to NMFS, including steelhead trout and Coho salmon. The project proposal will have no significant impact on these resources for a number of reasons.

- Pumped well water is withdrawn from river underflow in deep alluvial gravels, with the well and pumps located several hundred feet from open water.
- Requested withdrawal rates have occurred annually as riparian use over a multiple decade period without measurable or significant impacts or harm to the fish.
- The pumping rates are a miniscule fraction of Agency-mandated base flows of 150 – 200 cfs that are maintained in the channel reach by the Sonoma County Water Agency using stored water discharge from Lake Mendocino and Warm Springs Dam.
- Irrigation and domestic pumping is on an intermittent, non-continuous basis.
- Irrigation pumping does not take place in winter and spring months when migratory or spawning fish are most likely to be present.
- Minimal in-channel flows due to natural seasonal processes occur in summer and fall months when fish are not likely to be present due to lack of appropriate habitat and due to naturally-occurring seasonally elevated water temperatures.
- No changes to existing terrestrial riparian vegetation, canopy, or habitat is proposed.
- No changes to existing aquatic riparian vegetation, structure, or habitat is proposed.

11. Identify the typical species of riparian and terrestrial wildlife in the project and discuss whether or not any of these species and/or their habitat has been or would be affected by your project through construction of water diversion and distribution work and changes in the place of water use. (Note: See footnote denoted by \* under Question 11 below.)

Typical wildlife in the project areas would be those species associated with the Russian River riparian corridor, including small mammals, deer, waterfowl, upland game birds, amphibians, warm-water and cold-water fishes, and a wide variety of non-game predator and prey birds and animals. The existing wells will not affect riparian species or terrestrial wildlife. There will be no impacts to habitat, because no new construction or distribution works are required or proposed. The place of water use consists of existing upland vineyards.

\* ~~Note:~~ The purposes of Questions 10 and 11 are to provide a preliminary assessment of the presence of typical plant and animal species in the project area and whether these species might be affected by your project. Detailed site surveys to quantify populations of specific species or to determine the presence of rare or endangered species may be required at a later date. It is very important that you answer these questions accurately. If you are unable to obtain appropriate answers from your local California Department of Fish and Game biologists (see attachment for address and telephone number) or you do not have adequate information or expertise to complete your answers, you should hire a fishery consultant and/or a wildlife consultant to review your project and prepare suitable answers for you. For information on available qualified fishery or wildlife consultants near you, consult your local telephone directory Yellow Pages under Environmental and Ecological Services, or call the California Environmental Protection Agency, Registered Environmental Assessor (REA) Program at 916/324-6881 or the University of California, Cooperative Extension Service (see your local telephone directory white pages)>

12. Does your proposed project involve any construction or grading related activity which has significantly altered or would significantly alter the bed or bank of any stream or lake? No. If so, explain:

Historic well development and distribution system to place of use has occurred within vineyard and agricultural areas. No work was undertaken in the bed or bank of the Russian River.

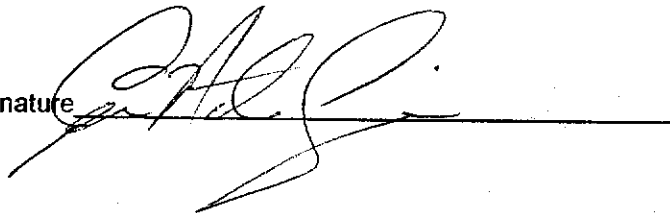
#### CERTIFICATION

I hereby certify that the statements I have furnished above and in the attached exhibits are complete to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge.

Date

12/1/03

Signature



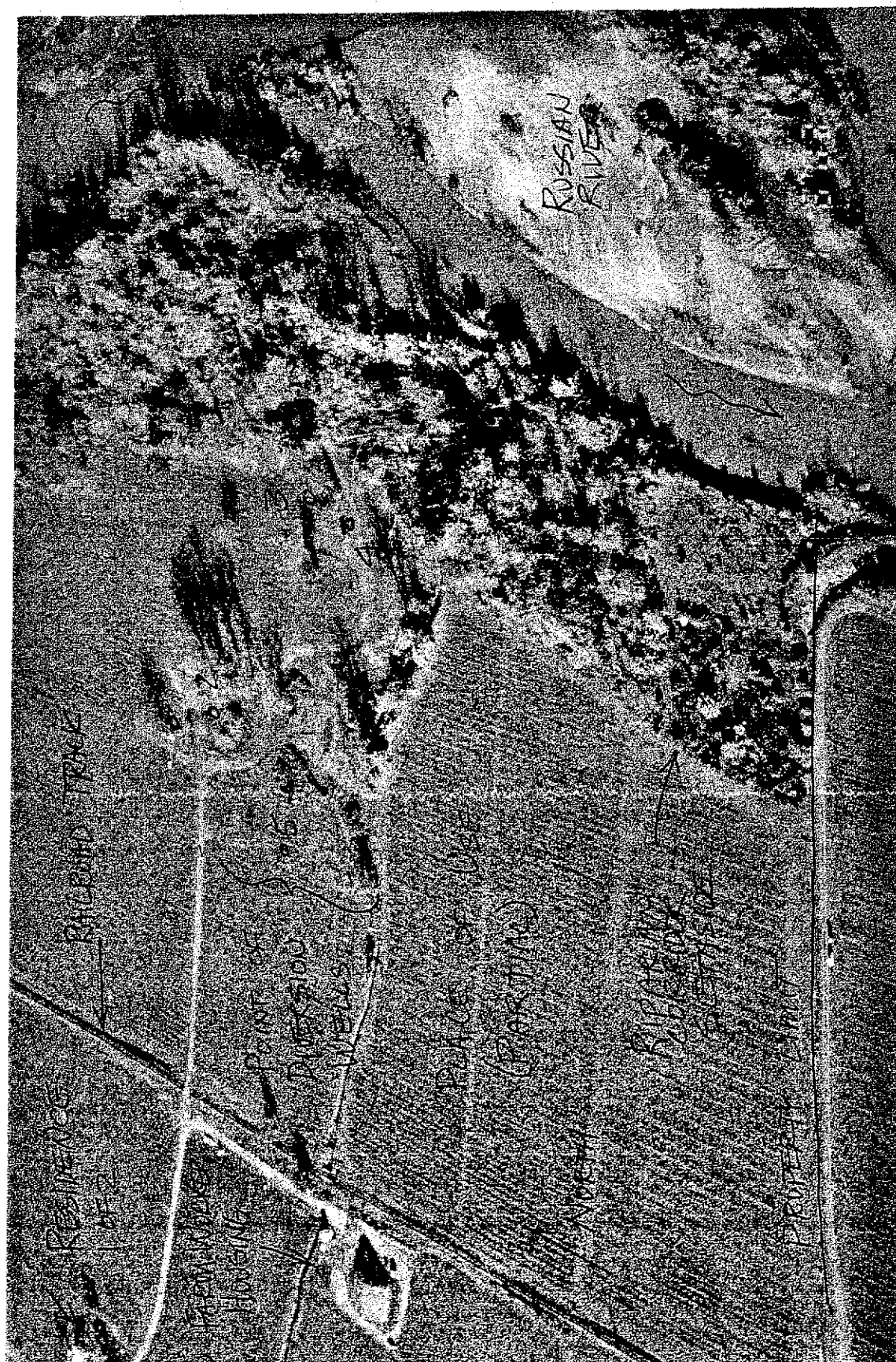


Part 7a, 7b, 7c Water Rights Application  
 Photo: Upstream and Downstream at  
 Point of Diversion, Place of Use

Home Ranch Vineyards  
 24035 Chianti Road  
 Cloverdale CA 95448

Seghesio Farms Inc.  
 14730 Grove Street  
 Healdsburg CA 95448

January 6, 2003



Part 7a, 7b, 7c Water Rights Application  
 Photo: Upstream and Downstream at  
 Point of Diversion, Place of Use

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 24035 Chianti Road  
 Cloverdale CA 95448

Seghesio Farms Inc.  
 14730 Grove Street  
 Healdsburg CA 95448

January 6, 2003





Part 7a, 7b, 7c Water Rights Application  
Photo: Upstream and Downstream at  
Point of Diversion, Place of Use

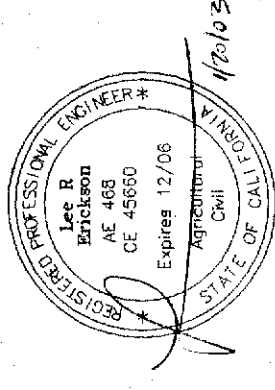
Home Ranch Vineyards  
24035 Chianti Road  
Cloverdale CA 95448

Seghesio Farms Inc.  
14730 Grove Street  
Healdsburg CA 95448

January 6, 2003

Seghesio Farms Inc.  
14730 Grove Street  
Healdsburg CA 95444

Erickson Engineering Inc.  
Valley Ford CA 94972-0446  
707/795-2498 Voice, Fax



Date: Jan. 20, 2003  
Scale: 1" = 500'  
By: LRE  
Sheet: 1 of 1

